3/11/86 A.S.A.P.

05-383293

Approved 3/11/86 Stanger

PERMIT

P 35072

A 24021

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

INDEXED

ELLICOTT CITY

DISTRICT 5th

DATE 2/27/85

Oskar Schulz IS PERMITTED TO INSTALL X ALTER ____

ADDRESS 6610 Blackwatch Lane, Highland, Maryland 20777 PHONE 531-2000

SUBDIVISION Highland Lakes ROAD 6578 River Clyde LOT 47

PROPERTY OWNER ~~Oskar Schulz~~ Paul DeVivo

ADDRESS ____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES ____ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 158 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe. LOCATION: Start the trench 145 feet from the front arc=185.47' lot line and 30 feet from the 352.47 ft lot line. Run trenches along level ground toward the right 340.00 ft. lot line as seen when facing lot from River Clyde Drive.
NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

BLDG. PERMIT SIGNED AND RETURNED 11/28/85
Serial #22454 - Pool

PLANS APPROVED BY Sid Abel DATE 8/26/85

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

BLDG. PERMIT SIGNED AND RETURNED 5/12/89
Serial #25705
propane tank

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

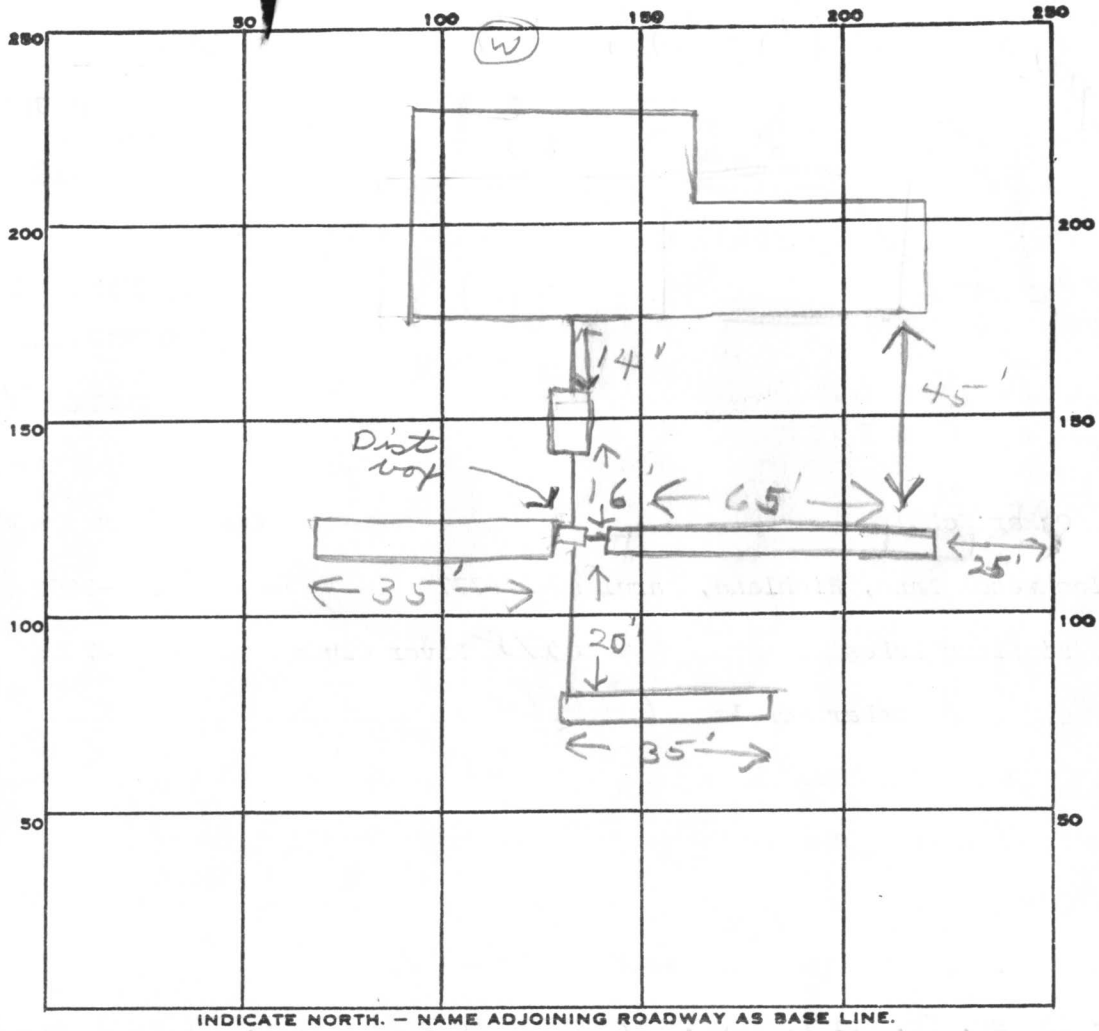
TEOHC

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

***CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.**

EH - 2-1082

A24021



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

135
5
675

River Clyde

PERMIT CARD _____

SEPTIC TANK, LEVEL 1500 CLEANOUTS 5T

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 8 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 IN. TOTAL LENGTH 135 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL ~~TOTAL BOTTOM~~ AREA 675

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 3/11/86 OK to add stone. JS
3/11/86 — OK to cover all work JS

DATE SYSTEM APPROVED 3/11/86 INSPECTOR S Tayer

APPLICATION

A 24031

P

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

Septic tank 3BR. 1000 gallons
4BR. 1250 gallons

DISTRICT ~~Fifth~~

DATE ~~9/25/76~~

Drywell (and trench if needed) system to contain at least 130 SQ. FT. effective sidewall absorption area per bedroom to begin below the first 3 ft. of non-porous soil. Maximum depth permitted for drywell bottom is 10 ft. below original grade. Place the drywell 150 ft. from the front lot line and 25 ft from the right side line as seen when facing the lot from River Clyde Drive.

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER ~~Mr. Walter Bucher~~
Highland Partnership

ADDRESS ~~8777 First Avenue~~ PHONE ~~(8)-588-3100~~
Silver Spring, MD 20901

PROPERTY LOCATION:

SUBDIVISION ~~Highland Lake~~ Neighborhood Lake LOT NO. ~~95~~ 47, sec. 2

ROAD AND DESCRIPTION ~~River Clyde Drive~~

SIZE OF LOT ~~one acre m/l~~ TYPE BLDG. ~~3 or 4 bedroom~~
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT ~~/s/ MR. Walter Bucher~~

APPROVED BY Frank Skinner FOR Drywell & trench DATE 4/3/81
(KIND OF SYSTEM)

REJECTED BY FOR DATE
(KIND OF SYSTEM)

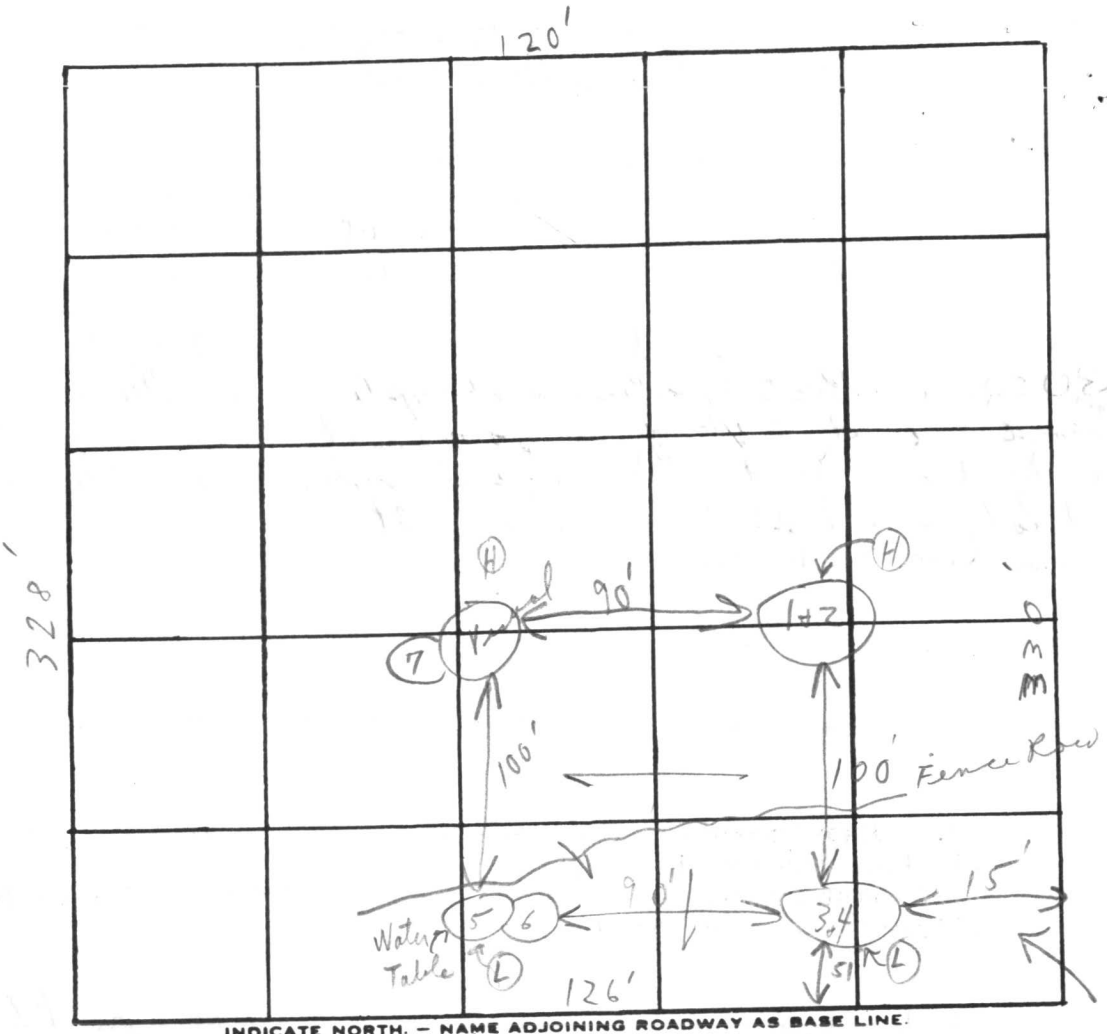
HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING

BLDG. PERMIT SIGNED AND RETURNED ~~8/30/85~~
Final #6342s

THIS IS NOT A PERMIT

A24021



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

River Clyde Drive

#50

Soil Profile

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
6/8/76	1	3½' s	2:05	2:07	2:07	2:11	4 min
	H 2	13' D	2:05	2:07	2:07	2:10	3 min
	3	3' s	2:36	2:38	2:38	2:41	3 min
	L 4	11½' D	2:36	2:38	2:38	2:41	3 min
	5	3' s	2:52	2:54	2:54	2:57	3 min
	L 6	12½' D	2:52	2:54	2:54	3:02	8 min
	7	13'	Visual		4½'-	13' Sandy loam	
						6	24

13' { 1-3½' clay ↓ 13'

11½' { 1-3 clay ↓ 8½' sandy loam

12½' { 1-2½' clay 12½' 10' sandy loam

Outlet 3' ~~3½'~~

4 min

REMARKS

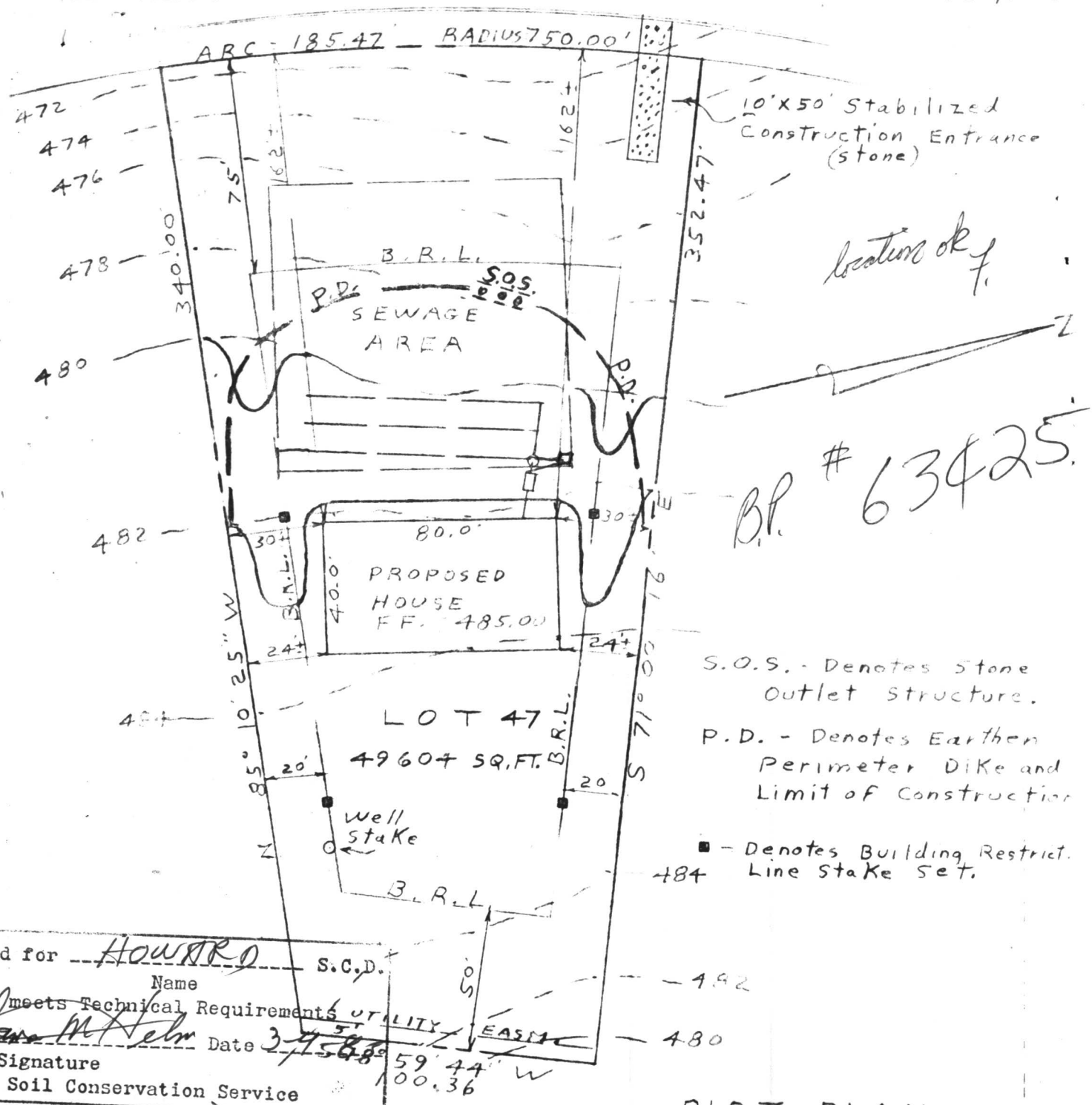
TYPE OF SOIL Sandy

TESTED BY C.B.S. ALSO PRESENT: Ketterman + Son

CONSERVATION METHOD

Approved Stephen L. Dale Date 3/1/85
Howard S.C.D.

A24021



location ok f.

B.P. # 63425

S.O.S. - Denotes Stone Outlet Structure.

P.D. - Denotes Earthen Perimeter Dike and Limit of Construction

■ - Denotes Building Restrict. Line Stake Set.

Reviewed for HOWARD S.C.D.
Name
and meets Technical Requirements
Date 3-4-88
Signature
U.S. Soil Conservation Service

EXIST.GRN. AT DISTR. BOX	481.20
INV. IN DISTR. BOX	478.20
INV. OUT OF SEPTIC TANK	478.30
INV. INTO SEPTIC TANK	478.70
INV. OUT OF DWELLING	478.90
FIRST FLOOR ELEV.	485.00
CELLAR ELEV.	476.00
WELL ELEV.	484.50
NO. OF BEDROOMS	4
ACREAGE	1.1388 ACRES

Elevation ok 8/26/85 CWellen

PLOT PLAN
LOT 47, RIVER CLYDE DRIVE
HIGHLAND LAKE, SECTION 2
SHEET 3 of 3, PLAT 3877
ELECTION DISTRICT 5
HOWARD COUNTY MD.

STATE OF MARYLAND
WILLIAM E. DOYLE
NO. 9460
REGISTERED
PROFESSIONAL LAND SURVEYOR

C 1 9568 SEQUENCE NO. (OEP USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER A 24021

DATE Received

DATE WELL COMPLETED 8/19/85

Depth of Well 200 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-81-0913

OWNER Oskar Schulz Inc.

STREET OR RFD last name River Clyde Drive first name TOWN Clarksville

SUBDIVISION Highland Lake SECTION 2 LOT 47

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	Check if water bearing
#2 rolling ground & gravel	0	22'	
brown shale	22'	67'	
water			—
Gray & brown shale	67'	93'	
water			—
gray shale & flint	93'	167'	
flint	167'	168'	
water			—
gray shale & flint	168'	200'	
#1 well (backfilled)	0	100'	

CIRCLE APPROPRIATE LETTER
- A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
- E ELECTRIC LOG OBTAINED
- P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 064

Wm W. Reichart

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

Robert W. Reichart

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes Y (44) no N (44)

TYPE OF GROUTING MATERIAL

CEMENT CM (45 46) BENTONITE CLAY BC (45 46)

NO. OF BAGS 11 NO. OF POUNDS 1056

GALLONS OF WATER 77

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. (48 TOP 52) to 39 ft. (54 BOTTOM 58)
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below

ST STEEL CO CONCRETE PL PLASTIC OT OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
ST (60 61)	6 (63 64)	39 (66 70)

OTHER CASING (if used) — EACH CASING

diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole insert appropriate code below

ST STEEL BR BRASS BRONZE HO OPEN HOLE PL PLASTIC OT OTHER

C 2

EACH SCREEN — DEPTH (nearest ft.)

1 HO (8 9)	39 (11 15)	200 (17 21)
2 (23 24)	(26 30)	(32 36)
3 (38 39)	(41 45)	(47 51)

SLOT SIZE 1 ____ 2 ____ 3 ____

DIAMETER OF SCREEN ____ (56 60) (NEAREST INCH)

GRAVEL PACK from ____ to ____

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 (68)

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (70) TELESCOPE CASING (E.R.O.S.) (72) LOG INDICATOR W Q (74 75 76) OTHER DATA

C 3

PUMPING TEST
HOURS PUMPED (nearest hour) 3½ (8 9)

PUMPING RATE (gal. per min. to nearest gal.) 9 (11 15)

METHOD USED TO MEASURE PUMPING RATE water & bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 22 (17 20)

WHEN PUMPING 43 (22 25)

TYPE OF PUMP USED (for test)

A air (27) P piston (27) T turbine (27)
C centrifugal (27) R rotary (27) O other (describe below) (27)
J jet (27) S submersible (27)

PUMP INSTALLED
DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) YES NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: (29)

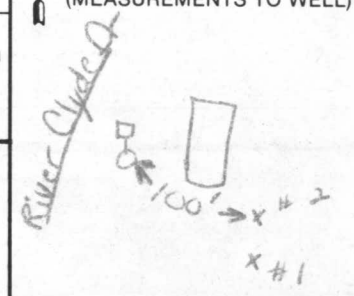
CAPACITY: GALLONS PER MINUTE (to nearest gallon) (31 35)

PUMP HORSE POWER (37 41)

PUMP COLUMN LENGTH (nearest ft.) (43 47)

CASING HEIGHT (circle appropriate box and enter casing height)
+ above (49) / − below (49) LAND SURFACE 1 (50 51) (nearest foot)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



HEALTH